

REMARKS/ARGUMENTS

Reconsideration of this application is requested.

Allowed claims 7-14 have been canceled without prejudice in favor of a soon to be filed divisional application which will add three additional inventors for this subject matter.

Accordingly, only claims 1-6 are now presented in the present application.

The rejection of claims 1-5 under 35 U.S.C. § 102 as allegedly anticipated by Branecky '811 is respectfully traversed.

The invention of claim 1 is characterized in that the phase lead of the current supply phase is connected based on rotation speed of the rotor when deceleration control is performed. For example, as described in the specification (e.g., see page 49:8 - 51:8), the phase lead connection amount Ks is set corresponding to the high, middle, and low speed ranges of rotation speed SP of the rotor 32, so that braking force acting on the rotor 32 is varied in accordance with the rotation speed of rotor 32. As a result, rotor 32 is capable of stopping accurately at the target position.

By contrast, in Branecky, as described at 6:34 – 7:65, two of the stators of the motor are energized at the beginning of rotation of the rotor, and subsequently, one of the stators is de-energized. This is for reducing oscillation of the rotor at the beginning of rotor rotation. Therefore, Branecky does not describe controlled deceleration operation, in which a rotor, which continues in rotational motion, is stopped at a target position. Accordingly, the present invention cannot possibly be anticipated by Branecky.

Rejection of claim 6 under 35 U.S.C. § 103 as allegedly being made "obvious" based on Branecky in view of Yamada '576 is also respectfully traversed.

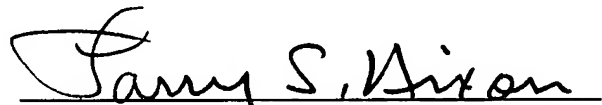
Fundamental deficiencies of the primary reference to Branecky have already been noted above with respect to parent claim 1. Yamada '573 does not supply those fundamental deficiencies so it is not necessary at this time to further explain the additional deficiencies of either of these references or of even the combination of such references even if such is considered *arguendo*.

Accordingly, this entire application is now believed to be in allowable condition and a formal notice to that effect is respectfully solicited.

Respectfully submitted,

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